


**MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND AVIATION ADMINISTRATION**

MEMORANDUM

TO: Distribution

FROM: Ali Logmanni, Manager 
Division of Engineering
Office of Design and Construction

DATE: April 5, 2013

SUBJECT: Design Standard (DST) 2013-02, Section 18.1.7, Transformers

Effective immediately, the attached new *Section 18.1.7* shall be incorporated into the MAA Design Standards Manual, dated January 2013.

Consultants listed herein are required to distribute this design standard to their respective subconsultants.

If you believe the referenced design standard conflict with any other codes or regulations, or if you should have any questions regarding this matter, please contact the Manager, Division of Engineering at 410-859-7768.

Attachment

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Supplement to the MAA Design Standards Manual 2013
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18.1.7 Transformers

18.1.7.1 Transformer Safety Markings

- A. Transformers shall be marked around all visible edges with a 2-inch red reflective tape. The tape shall be installed so that 1 inch of material is on either side of the edge.
- B. Existing transformers shall meet the Transformer Safety Marking requirements (Paragraph 18.1.7.1A) when an existing transformer is in a location where there is a proposed change of use and/or alteration being made either to the area around the transformer or to the space the transformer is serving.

18.1.7.2 Transformer Sizing

- A. Transformers for Tenant Improvement Projects

Transformers for tenant improvement projects shall be sized on the basis of calculated/demand load plus 25% or the connected load, whichever is higher. The designer shall submit complete set of calculations and demand factors for both calculated/demand load and connected load as part of permit drawing submission for the approval of MAA.